

Appin No. 09/575120
 Amdt. Dated: January 22, 2007
 Response to Office Action of December 11, 2006

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Amendment to the Specification

The Paragraphs beginning at Page 1, lines 9-22, through to Page 2, lines 1-10, is to be deleted and replaced with the Paragraphs as follows:

Reference may be had to co-pending applications claiming priority from Australian Provisional Patent Application number PQ0560 dated 25 May 1999. The co-pending applications describe related modules and methods for implementing the compact printer system. The co-pending applications are as follows:

USSN	Our Docket No.	Our Title
6924907	PP01US	Compact Color Printer Module
6712452	PP02US	Modular Compact Printer System
6416160	PP03US	Nozzle Capping Mechanism
6238043	PP04US	Ink Cartridge for Compact Printer System
6958826	PP07US	Controller for A Printer Module
6812972	PP08US	Camera Module for Compact Printer System
6553459	PP10US	Memory Module for Compact Printer System
6967741	PP11US	Effects Module for Compact Printer System
6956669	PP12US	Effects Processor for Effects Module
6903766	PP13US	Timer Module for Compact Printer System
6804026	PP15US	Color Conversion Method For Compact Printer System
6975429	PP17US	Method and Apparatus of Image Conversion

BACKGROUND OF THE INVENTION

Microelectronic manufacturing techniques have led to the miniaturization of numerous devices. Mobile phones, personal digital assistant devices, and digital cameras are very common examples of the miniaturization trend.

One device that has not seen the advantage of microelectronic manufacturing techniques is the printer. Commercially available printers are large compared to many of the devices they could support. For instance, it is impractical to carry a color printer for the purpose of instantly printing photographs taken with known compact digital cameras.

A compact printhead has been described in co-pending United States Patent Applications filed simultaneously to the present application and hereby incorporated by cross reference:

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USSN	Our Docket No.	Our Title
6428133	IJ52US	Ink Jet Printhead Having a Moving Nozzle with an Externally Arranged Actuator
6526658	IJM52US	Method of Manufacture of an Ink Jet Printhead Having a Moving Nozzle with an Externally Arranged Actuator
6390591	MJ58US	Nozzle Guard fopr an Ink jet Printhead
7018016	MJ62US	Fluidic seal for an ink jet nozzle assembly
6328417	MJ63US	Ink Jet Printhead Nozzle Array

Known ink jet printers are only capable of printing dots in a bi-level fashion whereas known image capture devices (cameras) capture images in continuous tones. It is known in the prior art to transform the continuous tone captured images to bi-level images for printing. The known techniques are processing intensive. A more efficient processing method is required for a compact printer system.